

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08601

Priority: August 1, 1988

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

11.1 AF

This is to certify, that LARRY B MESHEW

9025 N FJORD RD

RATHDRUM ID 83858

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 1, 1988; and has submitted Proof of Beneficial Use on November 20, 1989. An examination indicates that the works have a diversion capacity of .060 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.04 CFS	10.5 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.04 CFS	11.1 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNE , Sec. 36, Township 53N, Range 05W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
53N	05W	36	SWNE	3		3

Total number of acres irrigated:

3

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than 3.5 afa per acre for the lands above.

RECORDED

DEC 31 1991

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

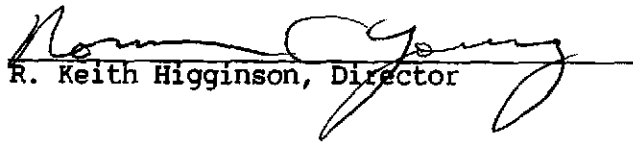
WATER RIGHT NO. 95-08601

CONDITIONS/REMARKS:

6. The issuance of this permit in no way grants any right-of-way or easement across the land of another.
7. Domestic use is for 1 home.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 18TH day of DECEMBER, 1991.

Acting for


R. Keith Higginson, Director

DEC 31 1991

RECEIVED

OCT 31 1991

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 95-08601

APPROVED

Department of Water Resources

Date of Priority: August 1, 1988

Maximum Diversion Rate:
Maximum Diversion Volume:¹

0.04 CFS
11.1 AF

Comes now
9025 N FJORD RD
RATHDRUM ID 83858

LARRY B MESHEW

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 95-08601, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.04 CFS	10.5 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.04 CFS	11.1 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNE , Sec. 36, Township 53N, Range 05W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
53N	05W	36	SWNE	3		3

Total number of acres irrigated: 3

PLACE OF USE: DOMESTIC, same as IRRIGATION use

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at 9025 Fjord Rd, this 22 day of Oct., 1991.
Rathdrum, ID 83858

L B Meshe
(Signature)
RECEIVED
OCT 31 1991

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 95-08601

FOR DEPARTMENT USE ONLY

Preliminary check by SA Fee = \$20.00 Received by Ry Date 10-31-91 # 0022189

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 95-08601 with the following;

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than 3.5 afa per acre for the lands above.
6. The issuance of this permit in no way grants any right-of-way or easement across the land of another.
6. Domestic use is for 1 home.

Witness my hand this 18TH day of DECEMBER, 1991.

Acting for R. Keith Higginson
R. Keith Higginson, Director

DEC 31 1991

IDAHO Dept. of Water Resources
4055 Government Way #9
Coeur d'Alene, IDA. 83814

Form 202
6/85

Ident. No. 95-08601

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant LARRY B. MESHAW Phone 687-1463
Post office address 9025 N. FICARD RD. BATHURUM, IDA 83858
2. Source of water supply Drilled well which is a tributary of None
3. Location of point of diversion is NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of _____ $\frac{1}{4}$, Govt. Lot _____
Sec. 36 Township 53N Range 5W B.M. Kootenai County; additional
points of diversion if any: SAME (note other diversions not producing)
4. Water will be used for the following purposes:
Amount 10 cfs for DOMESTIC purposes from JAN 1st to Dec 31st (both dates inclusive)
(cfs or acre-feet per annum)
Amount 100 cfs for IRRIGATION purposes from April 1 to Oct 1 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .20 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. none. WELL, pump/pack
 - b. Height of storage dam None feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. Proposed well diameter is 6 inches; proposed depth of well is 260 feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? NO
7. Time required for the completion of the works and application of the water for beneficial use is
1 years (minimum 1 year).

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JAN 11 1989

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. ~~_____~~ _____
- d. Domestic; show number of households. 4 _____
- e. Other; describe fully. _____

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
53N	5W	36		13	2														15 - 2K

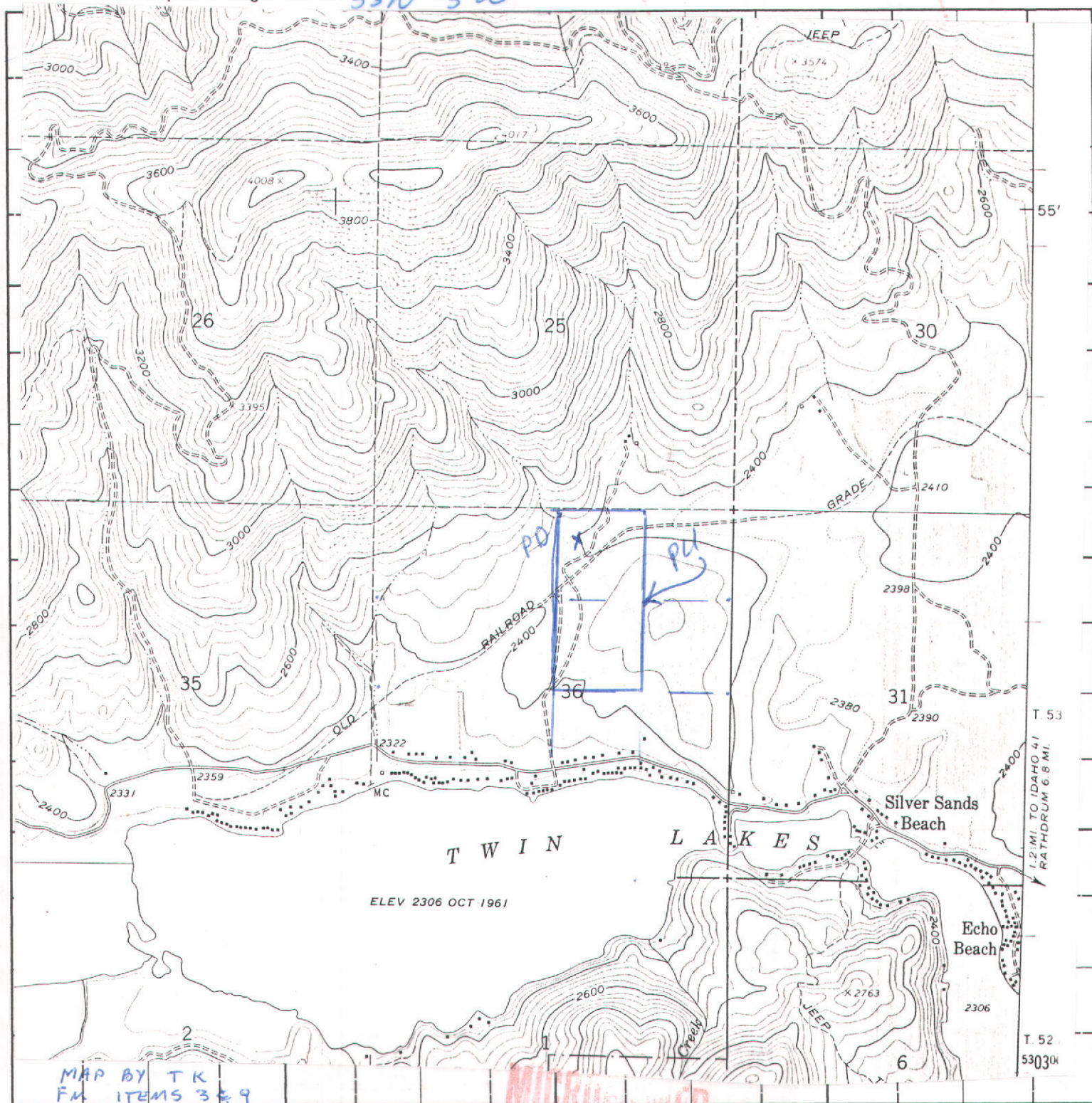
Total number of acres to be irrigated 15 - 2K ~~4 To 13~~

10. Describe any other water rights used for the same purposes as described above. NW¼ S4¼
Section 25 Township 5-3 N1
11. a. Who owns the property at the point of diversion? Inland Paper
- b. Who owns the land to be irrigated or place of use? Larry Mesher
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. EASEMENT
12. Remarks: one other (see note)

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13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number. *53N - 5W*



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

JAN 11 1989

Larry B. Zepher
(Applicant)

7-28-88

Proposed Priority 8/1/88

Received by Ken Date 1:00 p Time 8/1/88 Preliminary check by JK
Fee \$ 30.00 Receipted by JK # A 853 Date 8/2/88
Publication prepared by [Signature] Date 8/16/88 Published in 8/18 & 25/88
Publication approved [Signature] Date 9/2/88

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 95-8601, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before January 1, 19 90.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- e. Other:

Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Witness my hand this 8th day of December, 1988.

[Signature: J. Glen Saylor]

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JAN 11 1989

SENIOR AGENT REVIEW

Check List
for
Beneficial Use Field Report

RECEIVED
JUN 28 1991

Permit 85-18691
Department of Water Resources

A. GENERAL INFORMATION

- ✓ 1. Name and address are most current available. (Check BU statement)
✓ 2. Exam Date
✓ 3. Source (Check Permit)

B. OVERLAP REVIEW

- ✓ 1. & 2. (Rule 5,1,4)

C. SYSTEM DESCRIPTION

- ✓ 1. Diversion System Diagram (Rule 5,1,3 / 5,1,4)
✓ 2. USGS (Rule 5,1,7 / 5,1,9) Aerial (Rule 5,1,17)
✓ Photo of pd and/or pu or explanation
✓ 3. Word Picture (Rule 5,1,3 / 5,1,4)
✓ 4. Diversion (Rule 5,1,3)
✓ 5. Compare with USGS Map/Land Survey Maps/Aerial Photos/Permit.
✓ Government Lot ?
✓ Method of determination
✓ 6. Compare USGS/Land Survey? Aerial Photos/Permit.
✓ Method of determination,
✓ Irrigation (Rule 5,1,8),

D. FLOW MEASUREMENTS Check math (Rule 5,1,13 / 5,1,14)

E. FLOW CALCULATIONS Check math (Rule 5,1,13 / 5,1,14)

F. OPTIONAL

G. VOLUME CALCULATIONS

- ✓ Three significant figures/not less than 0.10 (Rule 6,1,2)
Fish (Rule 5,1,11) number stock, homes, etc... (Rule 5,1,12)

H. REMARKS AND OVERLAP ANALYSES

- ✓ All actual uses listed (Rule 5,1,2):
✓ All unused, permitted uses listed (Rule 5,1,2):
✓ Overlaps (Rule 5,1,4):
✓ Return flows (Rule 5,1,5):
✓ Conditions (Rule 5,1,6).

I. RECOMMENDATIONS

- ✓ 1. Municipal (Rule 5,1,10): Compare with items E & G, permit, fee, capacity
(Rule 5,1,15): Measured flows for each use listed separately (Rule 5,1,14).
Period of year (Rule 5,1,13)
✓ 2. Compare permit to exam for amendments (Rule 5,1,16)

J. AUTHENTICATION

✓ Name, Signature, Certification Date, Exam Date.

WELL INSPECTION REPORT

✓ Check with permit and well log for discrepancies

Signature Tom D. King
Tom D. King Sr. Water Resource Agent

Date 4/29/91



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DEC 3 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

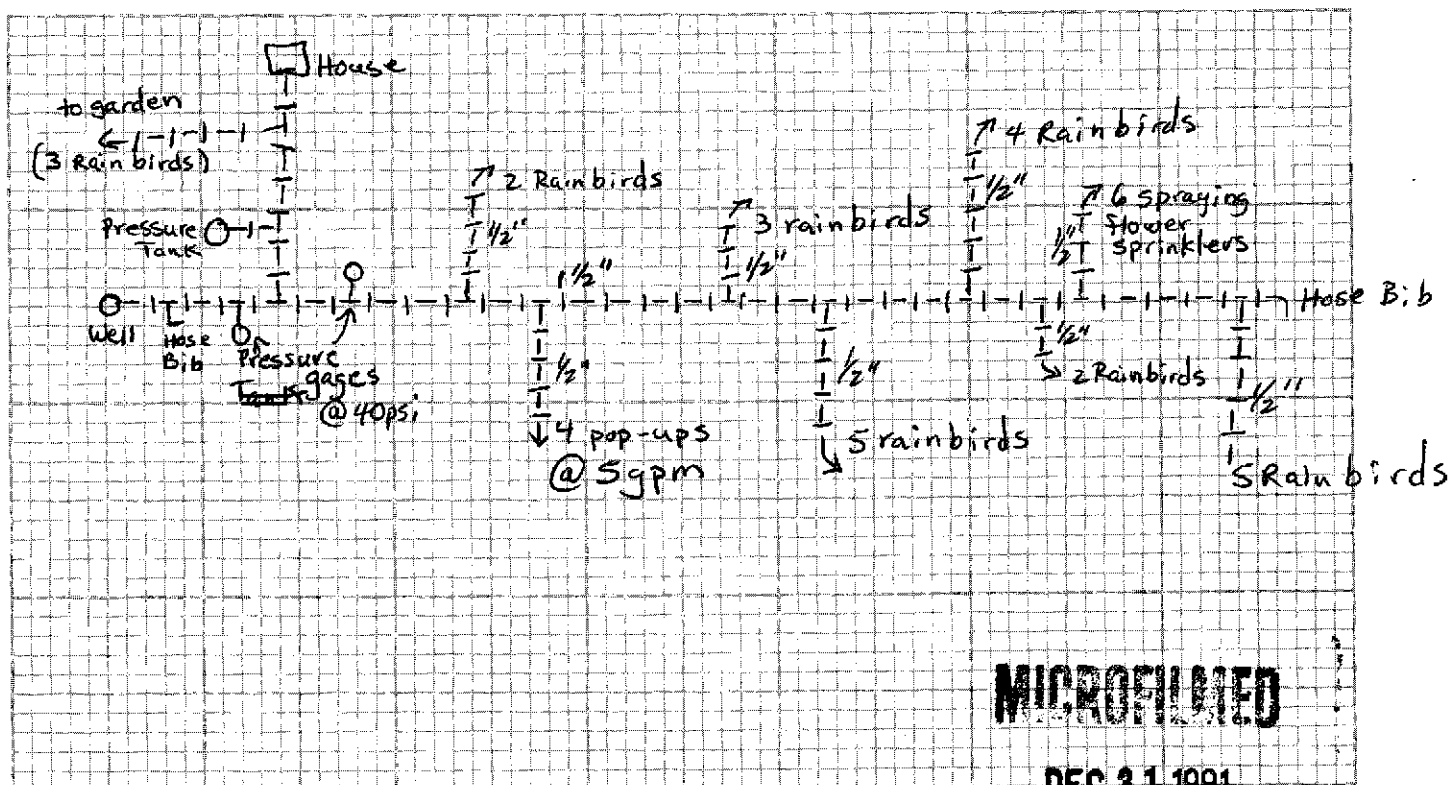
Permit No. 95-08601
Phone No. 687-1463
1. Owner: Larry B. Meshew
Current Address: 9025 N. Fjord Rd. Rathdrum ID 83858
2. Accompanied by: Same EXAM. DATE: 10-4-91
Address: _____ Phone No. _____
Relationship to Permit Holder: Same
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: _____ ☐ Copies Attached
2. Other water rights with same point of diversion: None ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe k.d. as applicable. ☒ Alternative diagram attached (N/A)



Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).
☐ Aerial Photo Attached N/A (required for irrigation of 10 acres or more).

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

Well 6" X 260' deep with submersible 3 hp pump and 1 1/2 inch buried line to home & Gardens. There are 8 separate irrigation lines (buried 1/2 inch) off the 1 1/2" main with the following location of sprinklers 1.) 2, 5/32" Rainbirds, 2.) 3, 5/32" Rainbirds, 3.) 4, 5/32" rainbirds, 4.) 6 Spraying Flower sprinklers, 5.) 4, pop-up sprinklers @ 5 gpm 6.) 5, 5/32" rainbirds, 7.) 2, 5/32" rainbirds and 8.) 5/32" rainbirds. Total irrigation is for 3 acres.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Submersible		3 hp		unknown	

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		N	SW	NE	36	53N	SW	Kootenai	Map

6. Place(s) of Use:

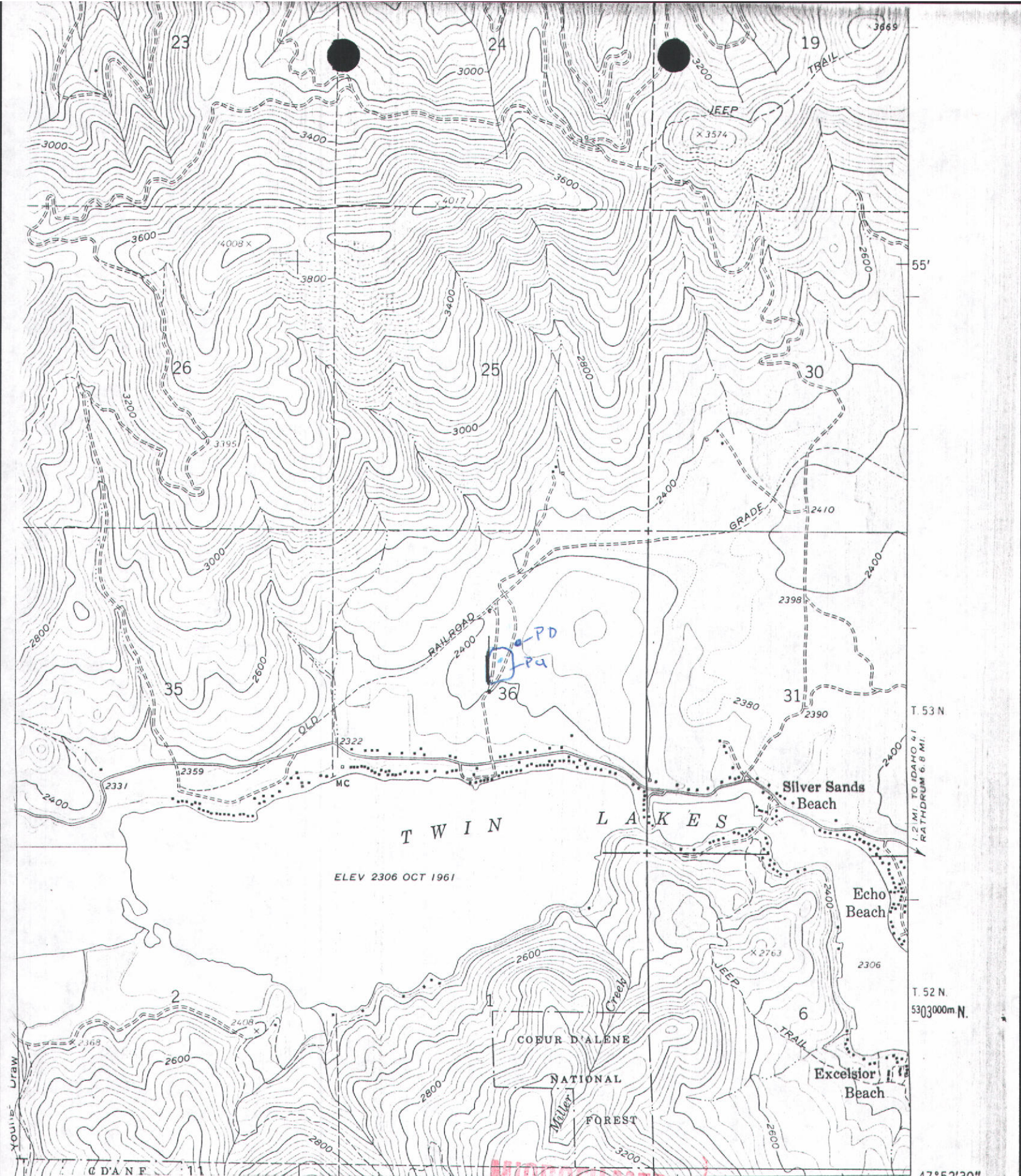
Indicate Method of Determination Map

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
53N	SW	36			3D														3

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Do not use this space



ELEV 2306 OCT 1961

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ICAL SURVEY, WASHINGTON D. C. - 1963
R. 4 W. MR 5399 509000m. E.

116° 52' 30"

47° 52' 30"

(HAYDEN)

95-08601

T. 53 N R. 5 W Sec 36

DEC 31 1991

ROAD CLASSIFICATION

Light-duty

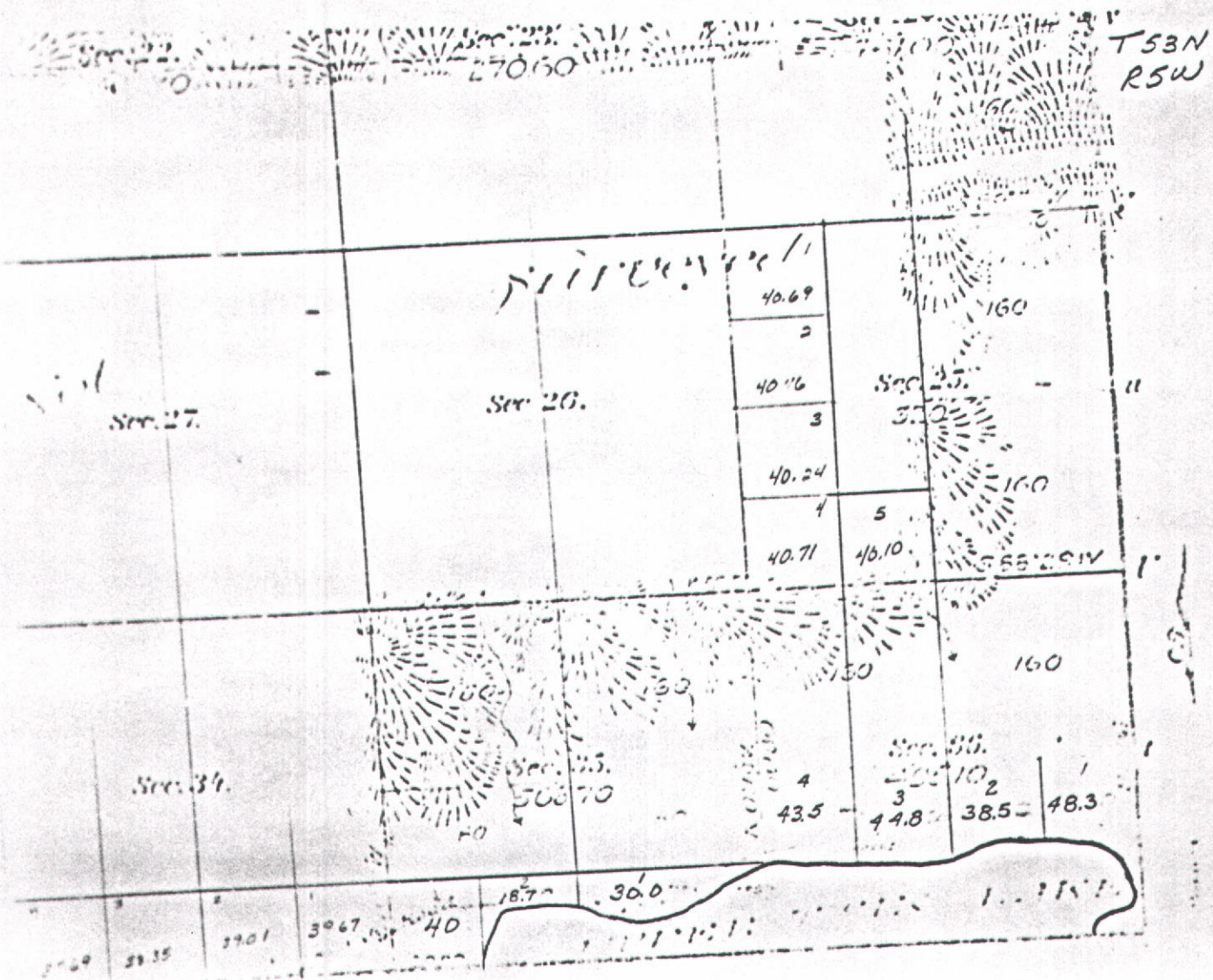
improved dirt =====

○ State Route

4000

40

VAL 4



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System Capacity Calculations:

$$\frac{(3.0 \text{ hp}) \times (8.8) \times (70\%) \quad 18.48}{(2.31) \times (40 \text{ psi}) + 227' \quad 319.40} = \frac{\quad}{\quad} = 0.06 \text{ cfs}$$

Sprinkler Calculations:

Line #	# of heads	size @ psi	= rate
1	2	5/32" 40	8.8 gpm
2	3	5/32" 40	13.2 gpm
3	4	5/32" 40	17.6 gpm
4	6	unknown out put, estimate	
		5 gpm	30.0 gpm
5	4	5 gpm	20.0 gpm
6	5	5/32" 40	22.0 gpm
7	2	5/32" 40	8.8 gpm
8	5	5/32" 40	22.0 gpm

total out put of sprinklers = 142.4 gpm or 0.32 cfs

System Capacity is only 0.06 cfs and is therefore the limiting factor determining rate. The system is not designed to run all sprinklers at the same time, but several different combinations of sprinkler lines can be operated at the same time without exceeding the capacity of the system. I am recommending a rate of 0.06 cfs (system capacity).

DEC 31 1991

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Pitot Gage						

2. Measurements:

40 psi

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

See attached

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3.5 = 10.5 \text{ cfa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.06 \times 260 \times 1.9835 = 30.9 \text{ cfa}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 10.5 \text{ cfa}$

2. Volume Calculations for Other Uses:

1 home (inside only) 0.6 Afa

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

This well is located in SWNE Sec 36 T53N. R.5W.
as is the point of use, Rather than NWNE of
Sec. 36 T53N. R5W. as stated on the application.
Both P.U. & P.D are on permit holders property.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1-1	12-31	0.04 cfs	0.6 afa
Irrigation	4-1	10-1	0.06 cfs	10.5 afa
Totals:			0.06 cfs	11.1 afa

2. Recommended Amendments

☒ Change P.D. as reflected above

☐ Add P.D. as reflected above

☐ None

☒ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other

J. AUTHENTICATION

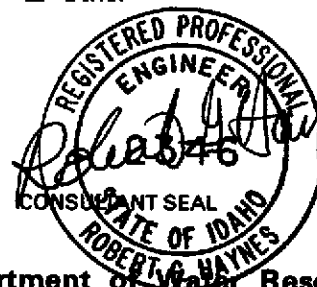
Field Examiner's Name

Signature

Certification Date

Field Report Preparation Date

Theresa J. Bright
Theresa J. Bright
4/16/90
10-5-90



K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED

DEC 31 1991

State of Idaho

Department Of Water Resources

WELL INSPECTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be attached to the beneficial use field report. If well construction standards do not appear to be met, a copy of this form should be forwarded to Groundwater Protection Section.

1. Legal Description of Well Location:

Twp. 53 N, Rge. 50 Sec. 36, SW $\frac{1}{4}$ NE Gov. Lot _____

2. Owner: _____

Address: 9025 N. Fiard Rd. Rathdrum ID,
City Rathdrum, State ID 83858

3. Approximate date of well construction 8/88

Well driller: James Flannigan

4. Casing: Diameter 6" Condition Good

5. Casing length above land surface 2112"

6. Well depth 262 (ft): Flowing: Y ☒ Temperature Cold Access Port: Y ☒

7. Condition of piping and valving Good

8. Evidence of well seal ☒ YES ☐ NO

9. Shut in pressure or static water level 227

10. Evidence of leakage around the casing YES ☒ NO

11. Does well need repair No

12. Comments _____

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3139

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 95-8601

Date: 2-12-90

General Considerations:

- 5 Name same as permit
5 Signature the same as permit holder
8 Address change _____ If yes, prepare a data entry
5 Proof received timely _____
_____ Reinstated

Source of Water:

- _____ Surface water
5 _____ Groundwater
5 1. well log in file
5 2. drilling permit - 95-88-N-038 - Driller - Flanigan
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

- 5 Rate of diversion appropriate for uses
5 Is rate or volume and fee appropriate?
5 Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

- 5 Is a measuring device or access port required?
5 Has one been installed?
5 Waiver or modification of measuring device requested

Remarks: Proof acceptable

5 Priority Calculation:
Date proof received _____
Date proof due _____
No. of days late _____
Priority date _____
NEW PRIORITY DATE _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

USE TYPEWRITER OR
BALLPOINT PEN
RECEIVED
PH 7
SEP 07 1988

1. WELL OWNER

Name **LARRY HESHEW**
Address **9025 N FORD RD RATH DRUM ID.**
Owner's Permit No **95-26-N-38**

7. WATER LEVEL

Static water level **227** feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ OF. Quality _____
Describe artesian or temperature zones below _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☒ Pump ☐ Bailor ☐ Air ☐ Other _____
Discharge G.P.M. **20** Pumping Level **229** Hours Pumped **3**

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☒ Stock ☐ Waste Dispos. or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other
Thickness **250** inches Diameter **6** inches + **25** feet To **260** feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth _____ Material used in seal: ☐ Cement grout

☒ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☒ Slurry pit ☒ Temp. surface casing

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Describe access port **5" PLUG IN WELL SEAL**

9. LITHOLOGIC LOG

Bore Diam.	Depth	Material	Water
From	To		Yes No
14"	0	SANDY SILT	
6"	5'	SANDY SILT	X
6"	15'	GRAVELY SAND	X
28'	28'	SANDY SILT	X
88'	95'	GRAVEL SANDY SILT	X
95'	97'	GRANITE BOLDER	X
97'	105'	GRAVEL SANDY SILT	X
105'	260'	SAND, GRAVELY SILT	X
260'	262'	DECOMPOSED GRANITE	X

RECEIVED
AUG 31 1988

Department of Water Resources
Boise, Idaho

RECEIVED

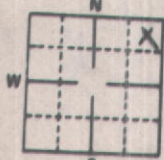
RECEIVED

10.

Work started **July 18, 88** finished **July 25, 88**

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County **KOOTENAI**

NE 1/4 NE 1/4 Sec. 36, T. 53 N, R. 5 W.

11. DRILLERS CERTIFICATION

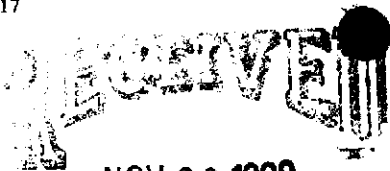
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name **FLANIGAN FLANIGAN** Firm No. **433**

Address **P.O. Box 330 Rath Drum ID.** Date **8/29/88**

Signed by (Firm Official) **James H. Flanigan**

and **James H. Flanigan**
(Operator)



STATE OF IDAHO

NOV 20 1989

DEPARTMENT OF WATER RESOURCES

no fee incl.
Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 95-08601 Telephone No. 1687-1463

Name(s) of Permit Holder(s): LARRY B Mesheuw

Post Office Address: 29025 Fjord Rd RATHDRUM, IDAHO

Source of Water: well (drilled)

If ground water, well driller's name: Jim Flanagan Date drilled: 1988

Extent of Use:
Domestic 1 (No. of households) Irrigation 3 (No. of acres)
Stockwater _____ (No. and type of stock) Other _____

Total rate and/or volume for which proof is submitted .04 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: Sept. 1988

One of the following may be a condition of approval of your permit:

Measuring device: Required? Yes No Installed? Yes ✓No

OR

Flow Measurement Port: Required? Yes No Installed? Yes ✓No

Fee Enclosed: \$ _____ (See License Examination Fee Schedule)

Person to contact to accompany the Department representative during the field examination:

LARRY B Mesheuw 687-1463
Name Telephone No.

29025 Fjord Rd RATHDRUM, IDAHO 83858
Address

RECORDED

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MAR 26 1990

11-17-89 Larry Mesheuw
Date Signature (and title if on behalf of a company or organization)

Form No. 202a.
4/87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: JK DATE: 8/3/88 APPLICATION: 95-08601

REQUIRED INFORMATION

- ☒ Name: (If applicant is a corporation or partnership, names must be provided for the director, officers, and other partners.)
- ☒ Address:
- ☒ Source: (See USGS Quad for names of water sources)
- ☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
- ☒ County:
- ☒ Quantity: (flow and/or volume)
- ☒ Period of use:
- ☒ Nature of proposed use: (Include description of use)
- ☒ Description of diverting works:
- ☒ Time required for beneficial use of water:
- ☒ Place of use or acres irrigated:
- ☒ Map:
- ☒ Signature: (If applicant is corp., partnership, or municipality title of signator is required)
- ☒ Fee:
- ☒ yes ☐ No* In form to receipt:

ADDITIONAL INFORMATION

YES NO

- ☒ ☐ Overlapping place of use: (Describe source & relationship to present application on the back.)
- ☒ ☐ Overlapping point of diversion:
- ☐ ☐ Field check required: Field check by: _____
- ☐ ☐ Field report attached:
- ☐ ☐ Critical groundwater area:
- ☐ ☐ Groundwater management area:
- ☐ ☐ Send dam safety information:
- ☐ ☐ Send power requirement letter:
- ☐ ☐ Send fish farm requirement letter:
- ☐ ☐ Power residency affidavit:
- ☐ ☐ Power efficiency form:
- ☐ ☐ Within trust water boundry: (If yes, attach Trust Water Supplementary Analysis Sheet.)
- ☐ ☐ Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)
- ☐ ☐ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

☒ _____ DATE REQUESTED: _____
☐ Additional information on reverse side:

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OCT 24 1988

Department of Water Resources

PROCESSING

YES NO

☒ In form for advertising:
☒ Statewide advertising:
☒ Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☐ I.D. Health and Welfare
☐ I.D. Fish and Game
☐ I.D. Lands
☐ Adjudication Bureau

YES NO

☐ U.S. BLM
☐ U.S. Forest Svc.
☐ Water District # _____
☐ Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ Affidavit of publication received:
☒ Application published correctly: If not, record action taken.

☒ Publication dates and paper recorded on application:
☒ Protests received, Final date for protest 9/6/88
☒ Protests, dates, resolution of protest recorded on application:
☒ Recommendations attached:
☒ Measuring device required:
☒ Measuring port required:
☒ Water delivered by water master? District # _____
☒ Special conditions of approval or cover letter: (see additional info. below)
☒ See Below For Additional Information
Recommended Date of Priority 6/1/88 ✓
Recommended by: RJA Date 10/18/88

STATE OFFICE REVIEW P23 P16 46 04

See below for additional information. By kw Date 12/5/88

ADDITIONAL INFORMATION

95-08120, 08121 - REPLACEMENT